

SEQUENCE LISTING

ON:

asteur Sanofi Diagnostics  
3 boulevard Raymond Poincaré  
arnes la Coquette  
: France  
CODE (ZIP): 92430  
NE: 0153774000  
: 0153774183

ENTION : Synthetic peptides which  
tests for the detection of  
group O HIV-1 virus

QUENCES: 16

DABLE FORM:  
TYPE: Floppy disk  
R: IBM PC compatible  
NG SYSTEM: PC-DOS/MS-DOS  
E: Patent In Release #1.0, Version

EQ ID NO: 1:

RACTERISTICS:  
22 amino acids  
amino acid

E: peptide

RIPTION: SEQ ID NO: 1:

Trp Gly Cys Arg Gly Lys Ala Val C  
5 10

Glu Thr

EQ ID NO: 2:

RACTERISTICS:  
22 amino acids  
amino acid

E: peptide

Figure 1. The effect of the concentration of the  $\text{H}_2\text{O}_2$  solution on the rate of the reaction of the  $\text{H}_2\text{O}_2$  solution with the  $\text{H}_2\text{O}$  solution.

by disk  
compatible  
PC-DOS/MS-  
a Release #

- (ii) TITLE OF INVENTION : Synthetic peptides which can be used in biological tests for the detection of infections due to the group O HIV-1 virus

(iv) COMPUTER READABLE FORM:

- (2) INFORMATION FOR SEQ ID NO: 1:

## (ii) MOLECULE TYPE: peptide

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Val Gln Trp Asn Glu Thr  
20

(i) SEQUENCE CHARACTERISTICS:

- (ii) MOLECULE TYPE: peptide

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser  
 1 5 10 15  
 Val Gln Trp Asn Glu Thr  
 20

## (2) INFORMATION FOR SEQ ID NO: 3:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: peptide

## (vi) ORIGINAL SOURCE:

- (A) ORGANISM: syn

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser  
 1 5 10 15  
 Val Gln Trp Asn Glu Thr  
 20

## (2) INFORMATION FOR SEQ ID NO: 4:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: peptide

## (vi) ORIGINAL SOURCE:

- (A) ORGANISM: syn

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser  
 1 5 10 15  
 Val Gln Trp Asn Ser Thr  
 20

## (2) INFORMATION FOR SEQ ID NO: 5:

- (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 22 amino acids  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Leu Leu Gln Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser  
 1                      5                      10                      15

Val Gln Trp Asn Ser Thr  
 20

(2) INFORMATION FOR SEQ ID NO: 6:

- (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 22 amino acids  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Leu Leu Asn Ser Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser  
 1                      5                      10                      15

Val Gln Trp Asn Glu Thr  
 20

(2) INFORMATION FOR SEQ ID NO: 7:

- (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 22 amino acids  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Ala Val Cys Tyr Thr Ser  
 1 5 10 15  
 Val Gln Trp Asn Glu Thr  
 20

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 22 amino acids  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Leu Leu Ser Ser Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser  
 1 5 10 15  
 Val Gln Trp Asn Glu Thr  
 20

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 16 amino acids  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser  
 1 5 10 15

## (2) INFORMATION FOR SEQ ID NO: 10:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 16 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

## (vi) ORIGINAL SOURCE:

(A) ORGANISM: syn

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser  
 1                      5                      10                      15

## (2) INFORMATION FOR SEQ ID NO: 11:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 32 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

## (vi) ORIGINAL SOURCE:

(A) ORGANISM: syn

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asn Ser Trp Gly  
 1                      5                      10                      15

Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr  
                     20                      25                      30

## (2) INFORMATION FOR SEQ ID NO: 12:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 32 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
(A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asn Ile Trp Gly  
1 5 10 15

Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr  
20 25 30

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 32 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
(A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asp Leu Trp Gly  
1 5 10 15

Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr  
20 25 30

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 22 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:  
(A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

[illegible]